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Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: <u>JP 06103371 A</u>

L10: Entry 1 of 2   File: JPAB   Apr 15, 1994

PUB-NO: JP406103371A
DOCUMENT-IDENTIFIER: <u>JP 06103371 A</u>
TITLE: COLOR IMAGE PROCESSING METHOD/DEVICE

PUBN-DATE: April 15, 1994

INVENTOR-INFORMATION:
NAME   COUNTRY
HASHIMOTO, SATORU

ASSIGNEE-INFORMATION:
NAME   COUNTRY
DAIKIN IND LTD

APPL-NO: JP04249805
APPL-DATE: September 18, 1992

INT-CL (IPC): G06F 15/66; G06F 15/66; G06F 15/62; G09G 5/02; H04N 1/46

ABSTRACT:

PURPOSE: To prevent the generation of the useless areas by integrating a relevant area with its adjacent area in response to a decided fact that the change of the picture quality cannot be visually recognized basing on the size of the area and the color difference between the area and its adjacent area.

CONSTITUTION: The color image to be processed is fetched (SP1) and plural representative colors (having higher appearing frequency in a color image) are selected (SP2). The color which is not selected as a key color is replaced with a representative color having the highest approximation (SP3). Then, a partial image area is obtained at every representative color (SP4). Then, it is discriminated whether a partial image area where the change of the picture quality cannot be visually identified is existed or not (SP5). If so, the relevant partial image area where the change of picture quality cannot be visually recognized is integrated with another partial image area (SP6). Then, the preceding discrimination is carried out again. If it is discriminated that the partial image is not existed, each partial image area is approximated with a polygon.

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Desc	Clip Img	Ima

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☐ 2. Document ID: <u>JP 06103371 A</u>

L10: Entry 2 of 2   File: DWPI   Apr 15, 1994

DERWENT-ACC-NO: 1994-161491
DERWENT-WEEK: 199420
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TITLE: Colour picture-quality maintenance in spurious singal environment - colour picture processing improvement by reduction of processing loads and time and enhancing processing accuracy.

PATENT-ASSIGNEE:

ASSIGNEE	CODE
DAIKIN KOGYO KK	DAIK

PRIORITY-DATA: 1992JP-0249805 (September 18, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06103371 A	April 15, 1994		012	G06F015/66

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 06103371A	September 18, 1992	1992JP-0249805	

INT-CL (IPC): G06F 15/62; G06F 15/66; G09G 5/02; H04N 1/46

ABSTRACTED-PUB-NO: JP 06103371A
BASIC-ABSTRACT:

The colour image is composed of domains and colour differences occur due to this. Colour processing capability and quality is judged by the blending capability with contiguity domain. The colour picture is divided into at least two domains and distinguishes whether the quality of image change can be recognized.

The improvement maintains better picture image quality in spurious signal environment by compression and by domain integration.

ADVANTAGE - Redn. of processing loads and time, high quality picture, colour maintenance in spurious signal environment and improving processing accuracy.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: COLOUR PICTURE QUALITY MAINTAIN SPURIOUS ENVIRONMENT COLOUR PICTURE PROCESS IMPROVE REDUCE PROCESS LOAD TIME ENHANCE PROCESS ACCURACY

DERWENT-CLASS: P85 T01 W02

EPI-CODES: T01-D02; T01-J10A1; T01-J10B3; W02-J03A2; W02-J03B1; W02-J04;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1994-127140

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Clip Img | Ima |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

| Terms | Documents |

jp-06103371-$.did.   2

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L7: Entry 1 of 2   File: JPAB   Jun 10, 1994

PUB-NO: JP406162180A
DOCUMENT-IDENTIFIER: JP 06162180 A
TITLE: AREA EXTRACTION SYSTEM

PUBN-DATE: June 10, 1994

INVENTOR-INFORMATION:
NAME   COUNTRY
YOSHIDA, MICHIKO

ASSIGNEE-INFORMATION:
NAME   COUNTRY
FUJITSU LTD

APPL-NO: JP04314509
APPL-DATE: November 25, 1992

INT-CL (IPC): G06F 15/64; G06F 15/70; H04N 1/46

ABSTRACT:

PURPOSE: To accurately and automatically extract a desired area through easy operation by
deciding on the same area corresponding to the indication of an aimed pixel when the signal
value and spatial color distance of an adjacent pixel are less than specific value as to the
area extraction system which extracts the area from an image.

CONSTITUTION: This system is equipped with an adjacent pixel signal extraction part 5 which
extracts pixel signals of pixels adjoining to the aimed point indicated in the image in order
and an identical area signal difference decision part 6 which decides the same area when the
difference or color distance between the pixel signals extracted in order by the adjacent pixel
signal extraction part 5 and the pixel signal of the aimed point is less than a specific value,
and is so constituted as to output the same area decided by the identical area signal
difference decision part 6.

☐ | Generate Collection | | Print |

L16: Entry 2 of 2   File: DWPI   Dec 24, 1996

DERWENT-ACC-NO: 1997-105248
DERWENT-WEEK: 199710
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TITLE: Character area decision method for image recognition - involves selecting circumscribing rectangle area which contains character candidate and based on character candidate position predetermined arrangement of character area of image is carried out

PATENT-ASSIGNEE:
ASSIGNEE   CODE
KOBE STEEL LTD   KOBM

PRIORITY-DATA: 1995JP-0145788 (June 13, 1995)

| Search Selected | | Search ALL | | Clear |

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
☐	JP 08339421 A	December 24, 1996		006	G06K009/20

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08339421A	June 13, 1995	1995JP-0145788	

INT-CL (IPC): G06 K 9/20; G06 K 9/34

ABSTRACTED-PUB-NO: JP 08339421A
BASIC-ABSTRACT:

The method involves carrying out digitisation processing of the image which contains a character string consisting of characters of the same magnitude. From among coupling pixels contained in processing data, the character which satisfies a predetermined condition is extracted.

Then, a circumscription rectangle area which contains character candidate position, a predetermined arrangement of character area of the image is carried out.

ADVANTAGE - Decides character area correctly even when quality of character is inferior.

CHOSEN-DRAWING: Dwg.1/7

TITLE-TERMS: CHARACTER AREA DECIDE METHOD IMAGE RECOGNISE SELECT CIRCUMSCRIBED RECTANGLE AREA CONTAIN CHARACTER CANDIDATE BASED CHARACTER CANDIDATE POSITION PREDETERMINED ARRANGE CHARACTER AREA IMAGE CARRY

DERWENT-CLASS: T04

EPI-CODES: T04-D04;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1997-087069

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MENU   SEARCH   INDEX   DETAIL   JAPANESE

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☐ 1. Document ID: <u>JP 08336040 A</u>

L11: Entry 1 of 2   File: JPAB   Dec 17, 1996

PUB-NO: JP408336040A
DOCUMENT-IDENTIFIER: <u>JP 08336040 A</u>
TITLE: METHOD AND DEVICE FOR PROCESSING IMAGE

PUBN-DATE: December 17, 1996

INVENTOR-INFORMATION:
NAME   COUNTRY

KOGA, SHINICHIRO

ISHIDA, YOSHIHIRO

ASSIGNEE-INFORMATION:
NAME   COUNTRY

CANON INC

APPL-NO: JP07141692
APPL-DATE: June 8, 1995

INT-CL (IPC): <u>H04 N 1/393</u>; <u>G06 T 7/00</u>; <u>H04 N 1/46</u>

ABSTRACT:

PURPOSE: To perform improved image area separation of color document images at a high speed
regardless of the size of input images by using the data of the image area extracted in a
reduction image image area extraction process and extracting the image area in the input
images.

CONSTITUTION: A reduction image preparation means 1002 prepares reduction images from input
color images stored in an input image storage means 1005 by a color image input means 1001 and
stores them in a reduction image storage means 1006. A reduction image image area extraction
means 1003 extracts the image area from the reduction images prepared by the reduction image
preparation means 1002 and stored in the reduction image storage means 1006 and stores the data
of the image area in an image area data storage means 1007. An input image image area
extraction means 1004 extracts the image area in the input images from the image area data of
the reduction images extracted by the reduction image image area extraction means 1003 and
stored in the image area data storage means 1007 and stores it in the image area data storage
means 1007. Thus, the image area separation of the color document images equivalent to the
result of performing direct image area separation to the input images is made possible.

COPYRIGHT: (C)1996,JPO

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: JP 3647071 B2, EP 724229 A2, JP 08186706 A, <u>JP 08336040 A</u> , EP 724229 A3, US

5848185 A, EP 724229 B1, DE 69523135 E, US 20020064307 A1, US 6556711 B2, JP 3624013 B2
L11: Entry 2 of 2   File: DWPI   May 11, 2005

DERWENT-ACC-NO: 1996-343703
DERWENT-WEEK: 200532
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TITLE: Colour image processing method extracting image segments for further processing -
extracts image area with different characteristic from background and discriminates it, image
is, for example, zoomed by subjecting each image area extracted to zoom processing conforming
to discrimination results

INVENTOR: ISHIDA, Y; KOGA, S ; YOSHIZAKI, O

PATENT-ASSIGNEE:
ASSIGNEE	CODE
CANON KK	CANO
ISHIDA Y	ISHII
KOGA S	KOGAI
YOSHIZAKI O	YOSHI

PRIORITY-DATA: 1995JP-0141692 (June 8, 1995), 1994JP-0329111 (December 28, 1994)

PATENT-FAMILY:
PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 3647071 B2	May 11, 2005		036	H04N001/393
EP 724229 A2	July 31, 1996	E	085	G06T007/00
JP 08186706 A	July 16, 1996		044	H04N001/393
JP 08336040 A	December 17, 1996		021	H04N001/393
EP 724229 A3	March 5, 1997		000	G06T007/00
US 5848185 A	December 8, 1998		000	G06K009/34
EP 724229 B1	October 10, 2001	E	000	G06T007/00
DE 69523135 E	November 15, 2001		000	G06T007/00
US 20020064307 A1	May 30, 2002		000	G06K009/34
US 6556711 B2	April 29, 2003		000	G06K009/34
JP 3624013 B2	February 23, 2005		021	H04N001/393

DESIGNATED-STATES: DE FR GB DE FR GB

CITED-DOCUMENTS:1.Jnl.Ref; EP 516576

APPLICATION-DATA:
PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 3647071B2	December 28, 1994	1994JP-0329111	
JP 3647071B2		JP 8186706	Previous Publ.
EP 724229A2	December 27, 1995	1995EP-0309438	
JP 08186706A	December 28, 1994	1994JP-0329111	
JP 08336040A	June 8, 1995	1995JP-0141692	
EP 724229A3	December 27, 1995	1995EP-0309438	
US 5848185A	December 27, 1995	1995US-0579358	
EP 724229B1	December 27, 1995	1995EP-0309438	
DE 69523135E	December 27, 1995	1995DE-0623135	
DE 69523135E	December 27, 1995	1995EP-0309438	

DE 69523135E		EP 724229	Based on
US20020064307A1	December 27, 1995	1995US-0579358	Div ex
US20020064307A1	September 30, 1998	1998US-0162727	
US 6556711B2	December 27, 1995	1995US-0579358	Div ex
US 6556711B2	September 30, 1998	1998US-0162727	
US 6556711B2		US 5848185	Div ex
JP 3624013B2	June 8, 1995	1995JP-0141692	
JP 3624013B2		JP 8336040	Previous Publ.

INT-CL (IPC): <u>G06</u> <u>K</u> <u>9/34</u>; <u>G06</u> <u>T</u> <u>5/00</u>; <u>G06</u> <u>T</u> <u>7/00</u>; <u>H04</u> <u>N</u> <u>1/393</u>; <u>H04</u> <u>N</u> <u>1/46</u>

ABSTRACTED-PUB-NO: EP 724229A
BASIC-ABSTRACT:

The colour image processing method inputs (1001) a colour image and extracts (1002) from it an image area which has a characteristic different from a background image area of the input colour image. The characteristic is discriminated (1003). The inputted colour image is zoomed (1004) by subjecting each of the image areas extracted to zoom processing conforming to the results of the discrimination.

The inputted colour image is compressed by subjecting each of the extracted image areas to compression processing conforming to the results of the discrimination. During compression the compressed data is collected and adopted as the compressed data of the inputted colour image.

USE - For extracting image segments having different characteristics from input colour image and judging each characteristic.

ADVANTAGE - Provides excellent processing for colour image in which image segments having different characteristics are mixed.
ABSTRACTED-PUB-NO:

EP 724229B
EQUIVALENT-ABSTRACTS:

The colour image processing method inputs (1001) a colour image and extracts (1002) from it an image area which has a characteristic different from a background image area of the input colour image. The characteristic is discriminated (1003). The inputted colour image is zoomed (1004) by subjecting each of the image areas extracted to zoom processing conforming to the results of the discrimination.

The inputted colour image is compressed by subjecting each of the extracted image areas to compression processing conforming to the results of the discrimination. During compression the compressed data is collected and adopted as the compressed data of the inputted colour image.

USE - For extracting image segments having different characteristics from input colour image and judging each characteristic.

ADVANTAGE - Provides excellent processing for colour image in which image segments having different characteristics are mixed.

US 5848185A

The colour image processing method inputs (1001) a colour image and extracts (1002) from it an image area which has a characteristic different from a background image area of the input colour image. The characteristic is discriminated (1003). The inputted colour image is zoomed (1004) by subjecting each of the image areas extracted to zoom processing conforming to the results of the discrimination.

The inputted colour image is compressed by subjecting each of the extracted image areas to compression processing conforming to the results of the discrimination. During compression the

compressed data is collected and adopted as the compressed data of the inputted colour image.

USE - For extracting image segments having different characteristics from input colour image and judging each characteristic.

ADVANTAGE - Provides excellent processing for colour image in which image segments having different characteristics are mixed.

US20020064307A

The colour image processing method inputs (1001) a colour image and extracts (1002) from it an image area which has a characteristic different from a background image area of the input colour image. The characteristic is discriminated (1003). The inputted colour image is zoomed (1004) by subjecting each of the image areas extracted to zoom processing conforming to the results of the discrimination.

The inputted colour image is compressed by subjecting each of the extracted image areas to compression processing conforming to the results of the discrimination. During compression the compressed data is collected and adopted as the compressed data of the inputted colour image.

USE - For extracting image segments having different characteristics from input colour image and judging each characteristic.

ADVANTAGE - Provides excellent processing for colour image in which image segments having different characteristics are mixed.

CHOSEN-DRAWING: Dwg.3/56

TITLE-TERMS: COLOUR IMAGE PROCESS METHOD EXTRACT IMAGE SEGMENT PROCESS EXTRACT IMAGE AREA CHARACTERISTIC BACKGROUND DISCRIMINATE IMAGE EXAMPLE SUBJECT IMAGE AREA EXTRACT ZOOM PROCESS CONFORM DISCRIMINATE RESULT

DERWENT-CLASS: T01 U21

EPI-CODES: T01-D02; T01-J10A1; T01-J10B3; U21-A05A2;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1996-289327

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. Desc | Clip Img | Ima |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
jp-08336040-$.did.	2

Display Format: FULL   Change Format

☐ | Generate Collection | Print

L12: Entry 2 of 2   File: DWPI   Jun 25, 1996

DERWENT-ACC-NO: 1996-351783
DERWENT-WEEK: 199635
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TITLE: Image processing method for printing and photographic fields - involves performing area integration processing, after dividing image data into predetermined number of blocks

PATENT-ASSIGNEE:

ASSIGNEE	CODE
TOPPAN PRINTING CO LTD	TOPP

PRIORITY-DATA: 1994JP-0308581 (December 13, 1994)

     Search Selected | Search ALL | Clear

PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
☐	JP 08167028 A	June 25, 1996		031	G06T007/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08167028A	December 13, 1994	1994JP-0308581	

INT-CL (IPC): G06 T 7/00

ABSTRACTED-PUB-NO: JP 08167028A
BASIC-ABSTRACT:

The method involves dividing the input image into the set of blocks. Each block has a common feature such as brightness, hue, saturation, coordinates, text.

The blocks are then subjected to area integration processing. The image of each block is then converted into an initial cluster. Then area integration processing is performed on the initial cluster.

ADVANTAGE - Minimizes memory required for processing. Improves processing speed.

CHOSEN-DRAWING: Dwg.2/28

TITLE-TERMS: IMAGE PROCESS METHOD PRINT PHOTOGRAPH FIELD PERFORMANCE AREA INTEGRATE PROCESS AFTER DIVIDE IMAGE DATA PREDETERMINED NUMBER BLOCK

DERWENT-CLASS: T01

EPI-CODES: T01-J10B2;

SECONDARY-ACC-NO:
Non-CPI Secondary Accession Numbers: N1996-296655